

Figure 1: Correlation: Stenosis vs IEL fracture

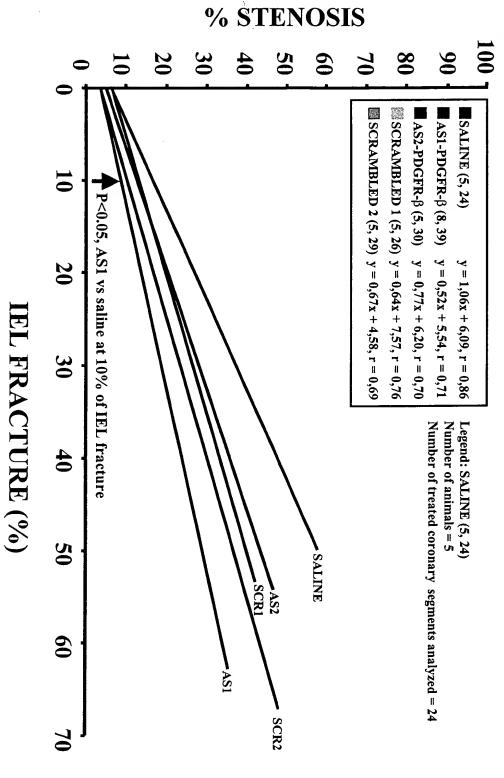




Figure 2: Correlation: Reendothelialisation vs IEL fracture

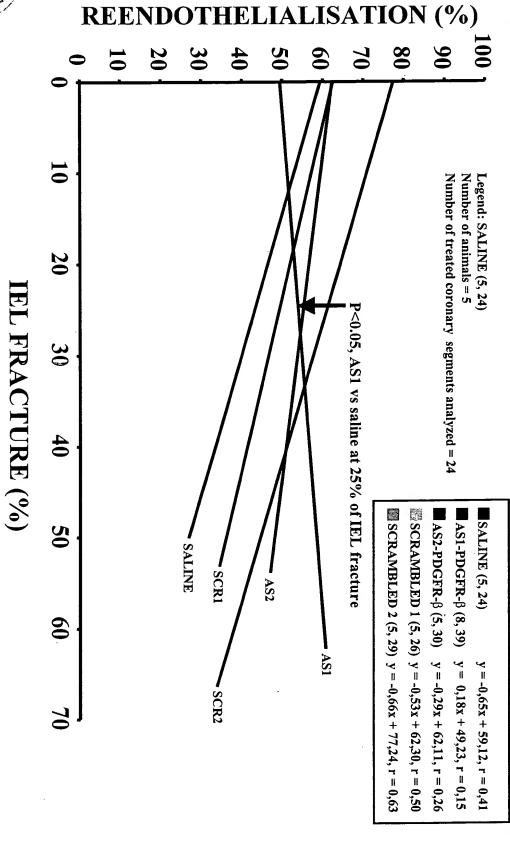
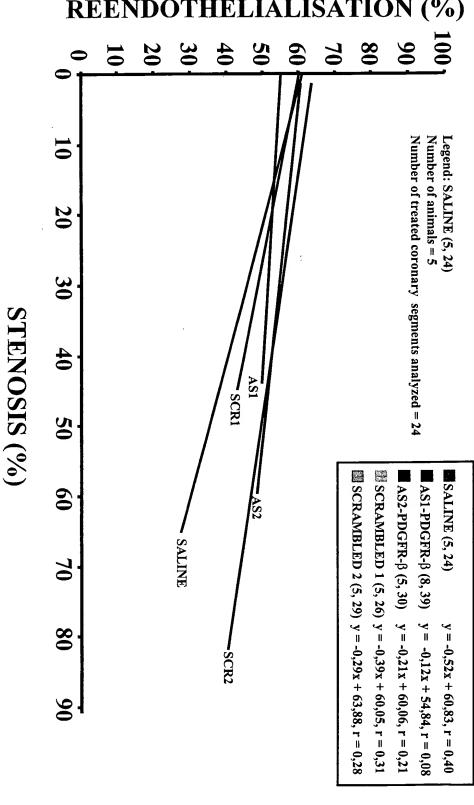




Figure 3: Correlation: Reendothelialisation vs Stenosis





10

20

30

40

50

60

70

IEL FRACTURE (%)

P<0.05, at 10% of IEL fracture

STENOSIS (%) Figure 4: Double Correlation: - AS1-PDGFR-β (Rendothelialisation %) - SALINE (Rendothelialisation %) SALINE (Stenosis %)AS1-PDGFR-β (Stenosis %) P<0.05, at 25% of IEL fracture SALINE

-AS1

60

70

80

LIALISATION (%)

AS1

Reendothelialisation & Stenosis vs IEL Fracture

Table 1: Effect of the Injury Score on the percentages of IEL fracture, Stenosis & Reendothelialisation

Group: SALINE

Or only or work in				
Inj. Score	Inj. Score EL Fracture (%)Stenosis (%)Reendo. (%)	Stenosis (%)	Reendo. (%)	#
0	0	0	91.06	1
1	0	3,76±0,93	56,94±17,42	4
2	0	5,85±2,18	62,79±8,01	6
3	6.88	28.74	22.17	1
4	26,99±3,60	34,77±5,20	40,49±5,86	12

Group: AS1-PDGFR-β

26	55,61±3,14	17,83±1,96	23,94±2,43	4
7	39,28±4,97	19,92±1,61	18,46±3,96	3
2	63,23±10,99	8,19±3,26	22,15±16,31	2
4	53,79±5,03	$1,87\pm0,91$	0	1
nil	nil	nil	nil	0
#	Reendo. (%)	Stenosis (%)	Inj. Score EL Fracture (%)Stenosis (%) Reendo. (%)	Inj. Score
			Or only and a second	Or other var

Group: AS	Group: AS2-PDGFR-β			
Inj. Score	Inj. Score EL Fracture (%)	(%)Stenosis (%)	eendo. (%)	#
0	nil	nil	nil	nil
1	0	4.04	62.46	1
2	0	1.55	61.66	1
3	30,03±5,13	26,48±5,23	54,64±4,00	8
4	28,4±3,06	29,35±3,71	53,57±4,24	20

Group: SCRAMBLED 1

14	44,61±3,52	24,53±3,24	25,1±2,89	4
6	53,87±5,04	19,85±2,94	21,27±7,68	3
3	74,87±4,76	8,81±3,51	0	2
3	49,17±11,39	11,93±7,02	2,44±1,39	1
nil	nil	nil	nil	0
#	(%) Reendo. (%)	(%)Stenosis (%)	Inj. Score EL Fracture (%	Inj. Score

Group: SCRAMBLED 2

Inj. Score	Inj. Score EL Fracture (%)Stenosis (%)	Stenosis (%)	eendo. (%)	#
0	nil	nil	nil	nil
1	$0,64\pm0,64$	2,85±1,23	$72,95\pm11,69$	3
2	15,01±6,04	14,16±0,06	$80,71\pm17,49$	2
3	33,38±4,45	33,38±7,09	61,71±9,96	3
4	37,37±3,53	29,23±3,97	50,83±3,66	21

Table 1: Legend

Inj. Score: Injury Score

IEL Fracture (%): Mean percentage of internal elastic laminae fracture

Stenosis (%): Mean percentage of neointimal stenosis

Reendo. (%): Mean percentage of reendothelialization

#: number of coronary artery segments per injury score

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